

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	shearwater ADJ polymers.as.	USPAT	OR	OFF	2008/01/06 20:39
L2	0	shearwater ADJ polymers.as. AND purification AND anion ADJ exchange ADJ chromatography	USPAT	OR	OFF	2008/01/06 20:39
L3	19	polyethylene ADJ glycol SAME conjugated SAME protein AND purification AND anion ADJ exchange ADJ chromatography	USPAT	OR	OFF	2008/01/06 20:39
L4	63	polyethylene ADJ glycol SAME conjugated SAME protein AND purification AND anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L5	0	polyethylene ADJ glycol SAME conjugated SAME protein SAME purification AND anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L6	29	polyethylene ADJ glycol SAME conjugated SAME protein AND purification SAME anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L7	12	pegylated SAME protein SAME anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L8	0	WO-200426251-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L9	2	WO-2004026251-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L10	22	"5969109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39

## EAST Search History

L11	1462	pegylated SAME purification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L12	1421	pegylated SAME purification AND chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L13	353	pegylated SAME purification SAME chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L14	5	boyle-denis-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L15	176	buckley-john-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L16	33	buckley-john-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L17	402	johnson-gary-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L18	16	johnson-gary-v\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L19	5	steinmeyer-david-e\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L20	3	toal-michele\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39

## EAST Search History

L21	3	aykent-serdar\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L22	4	rathore-anurag\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L23	62	"5849535"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L24	40	"5153265"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L25	106	pegylated SAME purification SAME chromatography AND ("2003" OR "2004" OR "2005").py.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L26	353	pegylated SAME purification SAME chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L27	247	L26 NOT L25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L28	5	"107891".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L29	22	"5969109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L30	1	"5969109" AND Q300	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39

## EAST Search History

L31	279	"5672662"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L32	1	PEG?N?hydroxysuccinimide?5K	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L33	1	(PEG?N?hydroxysuccinimide?5K OR PEG?succinimidyl\$carbonate?5K OR PEG?succinimidyl\$propionate?5K OR PEG\$maleimide?40K OR PEG\$N?hydroxysuccinimide?40K OR PEG\$aldehyde?40K)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L34	9854	hydroxysuccinimide AND PEG	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L35	1350	hydroxysuccinimide SAME PEG	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L36	0	hydroxysuccinimide SAME PEG AND peglyated ADJ protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L37	4	hydroxysuccinimide SAME PEG AND peglyated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L38	2	WO-9300109-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L39	5	finn-rory\$.in. AND q?sepharose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L40	19	"5849535"	USPAT	OR	OFF	2008/01/06 20:39
L41	13	"6057292"	USPAT	OR	OFF	2008/01/06 20:39

## EAST Search History

L42	2	WO-9602570-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L43	0	WO-0227478-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L44	1	WO-200227478-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L45	29	polyethylene ADJ glycol SAME conjugated SAME protein AND purification SAME anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L46	50	(polyethylene ADJ glycol OR PEG OR pegylated) SAME conjugated SAME protein AND purification SAME anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L47	224	protein SAME aggregat\$3 SAME (peg OR polyethylene ADJ glycol)	USPAT	OR	OFF	2008/01/06 20:39
L48	3	B2036-PEG	USPAT	OR	OFF	2008/01/06 20:39
L49	9	B2036	USPAT	OR	OFF	2008/01/06 20:39
L50	0	growth ADJ hormone ADJ antagonist SAME anion ADJ exchange ADJ chromatography	USPAT	OR	OFF	2008/01/06 20:39
L51	1	growth ADJ hormone ADJ antagonist SAME anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L52	6926	anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L53	223	anion ADJ exchange ADJ chromatography SAME (peg OR polyethylene ADJ glycol)	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L54	19	IL-1 AND anion ADJ exchange ADJ chromatography SAME (peg OR polyethylene ADJ glycol)	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L55	2	IL-2 SAME polyethylene ADJ glycol SAME anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L56	0	IL-2 SAME pegylation SAME anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39

## EAST Search History

L57	101	IL-2 SAME pegylation	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L58	0	IL-2 SAME pegylation AND anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L59	0	IL-2 SAME pegylation SAME DEAE	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L60	0	IL-2 SAME pegylation SAME Q?sepharose	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L61	1646	"4179337"	USPAT	OR	OFF	2008/01/06 20:39
L62	4	"4179337" AND davis-\$.in.	USPAT	OR	OFF	2008/01/06 20:39
L63	2	"5550178" AND desai-\$.in.	USPAT	OR	OFF	2008/01/06 20:39
L64	126	winkler-m\$.in.	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L65	32	winkler-matthew\$.in.	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L66	157	"4179337" AND anion ADJ exchange ADJ chromatography	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L67	150	growth ADJ hormone ADJ antagonist	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L68	0	growth ADJ hormone ADJ antagonist SAME quaternary ADJ amine ADJ resin	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L69	0	growth ADJ hormone ADJ antagonist SAME quaternary ADJ amine	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L70	1	growth ADJ hormone ADJ antagonist SAME resin	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L71	1	growth ADJ hormone ADJ antagonist SAME anion ADJ exchange	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L72	2	"7008624"	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L73	4	"6774180"	USPAT	OR	OFF	2008/01/06 20:39
L74	0	Sensus ADJ Drug ADJ Development ADJ Corporation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/06 20:39
L75	13	growth ADJ hormone ADJ antagonist AND anion ADJ exchange	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L76	59	goodson-r\$.in.	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L77	22	goodson-r\$.in. AND interfer\$	US-PGPUB; USPAT	OR	OFF	2008/01/06 20:39
L78	0	sensus.as. AND growth hormone antagonist	USPAT	ADJ	ON	2008/01/06 20:39

## EAST Search History

L79	3	growth hormone antagonist SAME (pegylation OR peg OR polyethylene glycol OR polyethyleneglycol)	USPAT	ADJ	ON	2008/01/06 20:39
L80	2	sensus\$.as.	USPAT	ADJ	ON	2008/01/06 20:39
L81	16	growth hormone antagonist SAME (pegylation OR peg OR polyethylene glycol OR polyethyleneglycol)	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L82	0	"G120K-PEG"	USPAT	ADJ	ON	2008/01/06 20:39
L83	1	growth hormone antagonist SAME anion exchange	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L84	1	growth hormone antagonist\$ SAME ("Q sepharose" OR DEAE OR anion exchange)	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L85	1	(boyle-den\$.in. OR buckley-john\$.in. OR johnson-gary\$.in. OR steinmeyer-david\$.in. OR toal-michele\$.in. OR aykent-serdar\$.in. OR rathore-anurag\$.in. OR pharmacia\$.as.) AND growth hormone antagonist\$ SAME ("Q sepharose" OR DEAE OR anion exchange)	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L86	119	((JOHN) near2 (BUCKLEY)).INV.	US-PGPUB; USPAT	ADJ	OFF	2008/01/06 20:39
L87	2	WO-9640731-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/01/06 20:39
L88	3	((DENIS) near2 (BOYLE)).INV.	US-PGPUB; USPAT	ADJ	OFF	2008/01/06 20:39
L89	2	((ANURAG) near2 (RATHORE)).INV.	US-PGPUB; USPAT	ADJ	OFF	2008/01/06 20:39
L90	347	((GARY) near2 (JOHNSON)).INV.	US-PGPUB; USPAT	ADJ	OFF	2008/01/06 20:39
L91	2	((DAVID) near2 (STEINMEYER)).INV.	US-PGPUB; USPAT	ADJ	OFF	2008/01/06 20:39
L92	35	"5153265"	USPAT	ADJ	ON	2008/01/06 20:39
L93	1	((MICHELE) near2 (TOAL)).INV.	US-PGPUB; USPAT	ADJ	OFF	2008/01/06 20:39
L94	1	((SERDAR) near2 (AYKENT)).INV.	US-PGPUB; USPAT	ADJ	OFF	2008/01/06 20:39
L95	1	(L88 AND L86 AND L90 AND L91 AND L93 AND L94 AND L89) AND growth hormone antagonist\$5	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L96	312	growth hormone antagonist\$5	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39

## EAST Search History

L97	238	growth hormone antagonist\$5 SAME protein	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L98	13	growth hormone antagonist\$5 SAME protein SAME (polyethylene OR PEG)	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L99	1	protein growth hormone antagonist\$5	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L100	992	aggregat\$8 SAME protein SAME (polyethylene OR PEG)	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39
L101	14	aggregat\$8 SAME protein SAME (polyethylene OR PEG).clm.	US-PGPUB; USPAT	ADJ	ON	2008/01/06 20:39